

Fax Cover Sheet

Date:	8/25/00		
To:	K. Choi	From:	T. Wessendy
Application Control Number:	09/100,633	Art Unit:	1627
Fax No.:	(415) 576-0300	Phone No.:	(703) 308-3967
Voice No.:		Return Fax No.:	(703) 308-4734
Re:		CC:	
<input type="checkbox"/> Urgent <input checked="" type="checkbox"/> For Review <input type="checkbox"/> For Comment <input type="checkbox"/> For Reply <input type="checkbox"/> Per Your Request			

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UNOFFICIAL COMMUNICATION

Atty Docket No. 016866-002200US

Serial No.: 09/100,633

PTO FAX NO.:

ATTENTION:

~~(703) 308-7921~~ (703) 308-4734

Examiner: Terresa Wessendorf

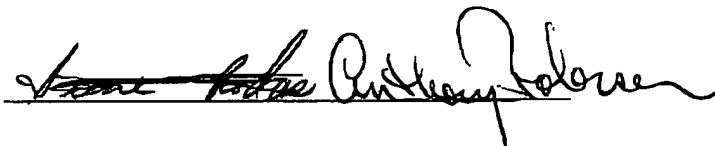
Group Art Unit 1618

FOR THE PERSONAL ATTENTION OF**EXAMINER WESSENDORF****CERTIFICATION OF FACSIMILE TRANSMISSION**

I hereby certify that the following documents In re Application of **Hutchens & Yip.**, Serial No. 09/100,633, filed **June 19, 1998**, for **RETENTATE CHROMATOGRAPHY AND PROTEIN CHIP ARRAYS WITH APPLICATIONS IN BIOLOGY AND MEDICINE** are being facsimile transmitted to the Patent and Trademark Office on the date shown below.

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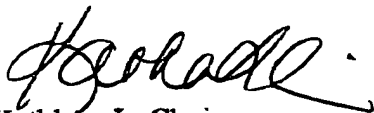
Dated: August 25, 2000



Dear Examiner Wessendorf:

Further to our telephone conversation today, transmitted herewith is a draft claim for the purpose of discussion.

Respectfully submitted,



Kathleen L. Choi

Reg. No. 43,433

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A DRAFT CLAIM FOR DISCUSSION PURPOSES ONLY

30. (Twice amended) A [screening] method for determining whether [an] ^{a drug} a candidate agent ^{that} modulates binding between a [target analyte] ligand and a[n adsorbent] receptor to which the ligand binds comprising the steps of:

a) providing a substrate-bound receptor [comprising an adsorbent to which the target analyte binds under an elution condition]; ~~with~~

b) exposing the substrate-bound receptor to the [target analyte] ligand and to the ^{drug} candidate agent ^{one or more selectively selected from} under the elution condition ^{that allows binding} between the target analyte and the adsorbent;

c) measuring an amount of binding between the [target analyte] ligand and the [adsorbent] substrate-bound receptor by desorption spectrometry, wherein desorption spectrometry comprises desorbing and ionizing the [target analyte] ligand from the [adsorbent] substrate-bound receptor with an energy source and detecting the desorbed and ionized [target analyte] ligand with a detector; and

d) determining whether the ^{drug is a} candidate agent ^{that} modulates binding by comparing the measured amount of binding between the [target analyte] ligand and the [adsorbent] substrate-bound receptor in the presence of the candidate agent and a control amount of binding between the [target analyte] ligand and the [adsorbent] substrate-bound receptor without the presence of the candidate agent,

a difference between the measured amount and the control amount indicating that the candidate agent modulates binding.